

MD 133 IS ASSUMED TO RUN
IN AN EAST WEST DIRECTION

PROPOSED SIGNALS

1,2,3,4,5,6,7



PROPOSED SIGNS

8,9



11,12

10



W9-2(4)
42\"/>

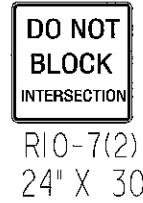
13,14



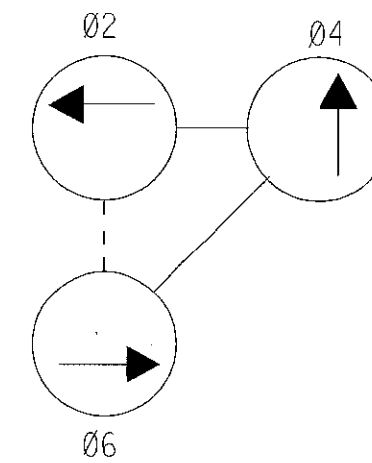
R3-5L
30\"/>

EXISTING SIGNS

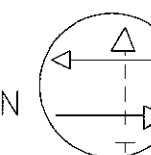
15



NEMA PHASING



FLASHING
OPERATION



- 1). PHASES ASSOCIATED BY A DASHED LINE
WILL OPERATE CONCURRENTLY
- 2). PHASES ASSOCIATED BY A SOLID LINE
WILL NOT OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

- (A) USE EXISTING CONTROLLER.
- (B) INSTALL 12 IN. X 27 FT. STEEL POLE WITH 38 FOOT MAST ARM, (CUT AND CAPPED TO 30 FOOT) SIGNALS, SIGNS, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE, (NOTE: ONE-3 IN. SCHEDULE 80 90 DEGREE PVC ELBOW, 4 - 1 1/2 IN. X 60 IN. ANCHOR BOLTS).
- (C) INSTALL 12 IN. X 27 FT. STEEL POLE WITH TWIN 50 FOOT MAST ARM, SIGNALS, SIGNS, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE, (NOTE: ONE-3 IN. SCHEDULE 80 90 DEGREE PVC ELBOW, 2 IN. X 90 IN. ANCHOR BOLTS. PLACE ONLY ONE MAST ARM FOR WESTBOUND APPROACH).
- (D) USE EXISTING ELECTRICAL HANDHOLE.
- (E) USE EXISTING CONDUIT.
- (F) USE EXISTING LOOPS.
- (G) INSTALL 3 INCH PVC CONDUIT SCHEDULE 80 - TRENCHED.
- (H) USE EXISTING PAVEMENT MARKING (STOP LINE).
- (I) USE EXISTING LUMINAIRE.
- (J) INSTALL 3/8 IN. DIA. TEMPORARY SPAN WIRE WITH SIGNAL HEADS AND SIGNS.
- (K) REMOVE EXISTING SIGNAL POLE, SIGNALS, SIGNS, AND ALL ASSOCIATED EQUIPMENT.

GENERAL NOTES

- PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
- THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
- SEE SIGNING AND PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
- STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
- ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND

— G —	G —	GAS MAIN
— W —	W —	WATER MAIN
— S —	S —	SEWER MAIN
— E —	E —	ELECTRIC CABLES
— A —	A —	AERIAL CABLES
— T —	T —	TELEPHONE CABLES



REVISIONS		APPROVALS	
		TEAM LEAD, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	
C 01/2008 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES. TEMPORARY SIGNAL W/ SPAN WIRE.		ORIGINAL ON FILE	
C.M.N.Z. 01/2008		ADD WEARWEAR SIGNAL HEAD FOR MD 133	
B 01/2008			
K.L.F. D.D.		D.L.	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

**MD 133 (OLD COURT ROAD) AT
STEVENS ROAD**

DRAWN BY: LT JB
CHECKED BY:
SCALE: 1"=20'
DATE: 12/20/72

F.A.P. NO.
S.H.A. NO.
COUNTY: BALTIMORE
LOG MILE: 03013300.07

TS NO.
TS-153C
T.I.M.S. NO.

SHEET NO.
14 OF 22